

What is claimed is:

1. The pseudoplastic aqueous dispersions comprising solid and/or high-viscosity particles (A), dimensionally stable under storage and application conditions, in dispersion in a continuous aqueous phase (B), wherein the dispersions comprises at least one solid polyurethanepolyol (C) containing cycloaliphatic structural units and having a glass transition temperature $> 15^{\circ}\text{C}$.
5
- 10 2. The pseudoplastic aqueous dispersions as claimed in claim 1, wherein the solid polyurethanepolyol (C) has a glass transition temperature $> 30^{\circ}\text{C}$.
- 15 3. The pseudoplastic aqueous dispersions as claimed in claim 1 or 2, wherein the solid polyurethanepolyol (C) is a diol.
4. The pseudoplastic aqueous dispersions as claimed in any one of claims 1 to 3, wherein the solid polyurethanepolyol (C) is linear.
- 20 5. The pseudoplastic aqueous dispersions as claimed in any one of claims 1 to 4, wherein the cycloaliphatic structural units are cycloalkanediyl radicals having 2 to 20 carbon atoms.
- 25 6. The pseudoplastic aqueous dispersions as claimed in claim 5, wherein the cycloalkanediyl radicals are selected from the group consisting of cyclobutane-1,3-diyl, cyclopentane-1,3-diyl, cyclohexane-1,3- and -1,4-diyl, cycloheptane-1,4-diyl, norbornane-1,4-diyl, adamantane-1,5-diyl, decalindiyl, 3,3,5-trimethylcyclohexane-1,5-diyl, 1-methylcyclohexane-2,6-diyl, 30 dicyclohexylmethane-4,4'-diyl, 1,1'-dicyclohexane-4,4'-diyl, and 1,4-

dicyclohexylhexane-4,4"-diyl, especially 3,3,5-trimethylcyclohexane-1,5-diyl or dicyclohexylmethane-4,4'-diyl.

- 5 7. The pseudoplastic aqueous dispersions as claimed in any one of claims 1 to 6, wherein the solid polyurethanepolyol (C) is substantially or entirely free from aromatic structural units.
- 10 8. The pseudoplastic aqueous dispersions as claimed in any one of claims 1 to 7, containing the solid polyurethanepolyol (C), based on the solids of the dispersions, in an amount of from 1 to 50% by weight.
- 15 9. The pseudoplastic aqueous dispersions as claimed in any one of claims 1 to 8, wherein the solid polyurethanepolyol (C) is in the dimensionally stable particles (A).
- 20 10. A process for preparing of pseudoplastic aqueous dispersions as claimed in any one of claims 1 to 9 by dispersing solid and/or high-viscosity particles (A), dimensionally stable under storage and application conditions, in a continuous aqueous phase (B), which comprises mixing the solid polyurethanepolyol (C) with the remaining constituent or constituents of the dimensionally stable particles (A) and dispersing the resulting mixture in the aqueous phase (B).
- 25 11. The use of pseudoplastic aqueous dispersions as claimed in any one of claims 1 to 9 or of a pseudoplastic aqueous dispersion prepared by a process as claimed in claim 10 as a coating material, adhesive or sealant.

12. The use as claimed in claim 11, wherein the coating material, adhesive or sealant is used for coating, adhesively bonding or sealing bodies of means of transport and parts thereof, buildings and parts thereof, doors, windows, furniture, small industrial parts, mechanical, optical, and electronic components, coils, containers, packaging, hollow glassware or articles of everyday use.